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PTO/SB/01 (12-97)  
Approved for use through 9/30/00. OMB 0651-0032  
Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE  
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<b>DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION</b> <b>(37 CFR 1.63)</b>  <input type="checkbox"/> Declaration Submitted with Initial Filing      OR <input checked="" type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)	Attorney Docket Number	IVACP-48832
	First Named Inventor	Engleson, J.
	<b>COMPLETE IF KNOWN</b>	
	Application Number	09 / 114,581
	Filing Date	July 13, 1998
	Group Art Unit	2306
Examiner Name		Monica Lewis

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**SYSTEM AND METHOD FOR COLLECTING DATA AND MANAGING PATIENT CARE**

the specification of which  
☐ is attached hereto  
 OR  
☒ was filed on (MM/DD/YYYY) **07/13/98** as United States Application Number or PCT International Application Number **09/114581** and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)

☐ Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

Page 1 of 3

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## DECLARATION — Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT International application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.55 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

U.S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)
08/440,625	5/15/95	5,781,625

☐ Additional U.S. or PCT International application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

☐ Customer Number  OR  
☒ Registered practitioner(s) name/registration number listed below

Place Customer  
Number Bar Code  
Label here


Name	Registration Number	Name	Registration Number
Thomas A. Runk	30,679	Craig B. Bailey	28,786
Richard A. Bardin	20,365	James W. Paul	29,967
Gilbert G. Kovelman	29,552	Thomas H. Majcher	31,119
John S. Nagy	30,664	John K. Fitzgerald	38,881

☐ Additional registered practitioner(s) named on supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto.

Direct all correspondence to: ☐ Customer Number  OR ☒ Correspondence address below

Name	Thomas A. Runk, Esq.				
Address	FULWIDER PATTON LEE & UTECHT, LLP				
Address	10877 Wilshire Boulevard, Tenth Floor				
City	Los Angeles	State	CA	ZIP	90024
Country	United States	Telephone	310-824-5555	Fax	310-824-9696

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor:	<input type="checkbox"/> A petition has been filed for this unsigned inventor				
Given Name (first and middle (if any))			Family Name or Surname		
Joseph J.			Engleson		
Inventor's Signature				Date	11-4-98
Residence: City	Carlsbad	State	CA	Country	U.S.A.
Post Office Address	3502 Celinda Drive				
Post Office Address					
City	Carlsbad	State	CA	ZIP	92008
				Country	U.S.A.

☒ Additional inventors are being named on the 1 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto

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# DECLARATION

ADDITIONAL INVENTOR(S)  
Supplemental Sheet  
Page 3 of 3

Name of Additional Joint Inventor, If any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle (if any))				Family Name or Surname			
Craig				Chamberlain			
Inventor's Signature	Craig Chamberlain					Date	11-17-98
Residence: City	Ann Arbor	State	MI	Country	U.S.A.	Citizenship	U.S.
Post Office Address	650 Hidden Valley, Apt. 218						
Post Office Address							
City	Ann Arbor	State	MI	ZIP	48104	Country	U.S.A.
Name of Additional Joint Inventor, If any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle (if any))				Family Name or Surname			
Inventor's Signature						Date	
Residence: City		State		Country		Citizenship	
Post Office Address							
Post Office Address							
City		State		ZIP		Country	
Name of Additional Joint Inventor, If any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle (if any))				Family Name or Surname			
Inventor's Signature						Date	
Residence: City		State		Country		Citizenship	
Post Office Address							
Post Office Address							
City		State		ZIP		Country	

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IVACF - 37266  
APRIL 22, 1999



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Washington, D.C. 20231

PTAS  
FULWIDER PATTON LEE & UTECHT, LLP  
THOMAS A. RUNK  
10877 WILSHIRE BOULEVARD, TENTH FLOOR  
LOS ANGELES, CALIFORNIA 90024



\*100953767A\*

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RECORDATION DATE: 01/21/1999

REEL/FRAME: 9711/0753  
NUMBER OF PAGES: 6

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

ARIEL COMPUTING, INC.

DOC DATE: 11/12/1998

ASSIGNEE:

IVISION, INC.  
114 WEST WASHINGTON STREET  
ANN ARBOR, MICHIGAN 48104

SERIAL NUMBER: 09114581  
PATENT NUMBER:

FILING DATE: 07/13/1998  
ISSUE DATE:

SERIAL NUMBER: 08440625  
PATENT NUMBER: 5781442

FILING DATE: 05/15/1995  
ISSUE DATE: 07/14/1998

TARA WASHINGTON, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

MAILED  
MAY 03 1999

01-29-1999

Docket No. IVACP-48832

U.S. Department of Commerce  
Patent and Trademark Office  
**PATENT**



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☐ License ☐ Change of Name  
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(For Use ONLY by U.S. Government Agencies)  
☐ Departmental File ☐ Secret File

**Conveying Party(ies)**

☐ Mark if additional names of conveying parties attached  
Execution Date  
Month Day Year  
11/12/98

Name (line 1) Ariel Computing, Inc.

Name (line 2)

**Second Party**

Name (line 1)

Name (line 2)

Execution Date  
Month Day Year

**Receiving Party**

☐ Mark if additional names of receiving parties attached

Name (line 1) DIVISION, INC.

Name (line 2)

Address (line 1) 114 West Washington Street

Address (line 2)

Address (line 3) Ann Arbor

Michigan

48104-1325

City

State/Country

Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

**Domestic Representative Name and Address**

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

01/28/1999 SBURMS 00000197 09114581

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Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

**Correspondent Name and Address**

Area Code and Telephone Number **310-824-5555**

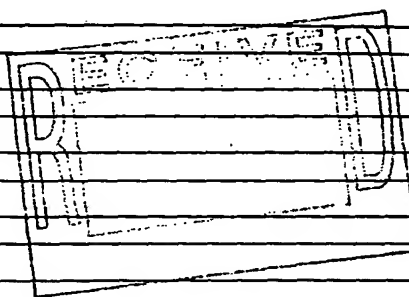
Name **Thomas A. Runk**

Address (line 1) **FULWIDER PATTON LEE & UTECHT, LLP**

Address (line 2) **10877 Wilshire Boulevard**

Address (line 3) **Tenth Floor**

Address (line 4) **Los Angeles, California 90024**



**Pages**

Enter the total number of pages of the attached conveyance document including any attachments.

# **4**

**Application Number(s) or Patent Number(s)**

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

**Patent Application Number(s)**

**09/114581**

**Patent Number(s)**

**5781442**

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

**Patent Cooperation Treaty (PCT)**

Enter PCT application number  
only if a U.S. Application Number  
has not been assigned.

PCT  PCT  PCT   
PCT  PCT  PCT

**Number of Properties**

Enter the total number of properties involved.

# **2**

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): \$ **80.00**

Method of Payment:  
Deposit Account

Enclosed ☒ Deposit Account ☐

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

# **06-2425**

Authorization to charge additional fees:

Yes ☒ No ☐

**Statement and Signature**

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.*

**Thomas A. Runk**

Name of Person Signing

Signature

**January 21, 1999**

Date

**ASSIGNMENT**

**ASSIGNMENT**

This Assignment effective May 15, 1995, made by CRAIG CHAMBERLAIN, a Michigan resident, hereinafter "Chamberlain", having an address of PO Box 7734, Ann Arbor, Michigan, to ARIEL COMPUTING, INC., a Michigan corporation, hereinafter "Ariel Computing", having an address of 2455 S. Industrial Highway, Ann Arbor, Michigan, 48107-7734, and this assignment made by Ariel Computing to IVISION, INC., a Michigan corporation, hereinafter "Ivision, Inc.", having a place of business at 114 West Washington Street, Ann Arbor, Michigan 48104-1325.

WHEREAS, Chamberlain has invented a new and useful SYSTEM AND METHOD FOR COLLECTING DATA AND MANAGING PATIENT CARE hereinafter the "invention", for which an application for United States Letters Patent having Application No. 08/440,625 was executed by him on August 22, 1995 and was filed with the United States Patent and Trademark Office on May 15, 1995 and which resulted in U.S. Patent No. 5,781,442, hereinafter "U.S. Patent '442", and for which a continuation-in-part application was filed on July 13, 1998 in the United States Patent and Trademark Office having an Application No. of 09/114,581, and for which a patent application having No. 2,224,228 was filed in Canada, and for which a patent application having No. 96 915 827.8 was filed in the European Patent Office, and for which a patent application having No. 8-535010 was filed in the Japanese Patent Office, and for which a patent application having No. PCT/US96/06944 was filed under the Patent Cooperation Treaty, all of the above patent applications hereinafter referred to as the "Patent Applications";

WHEREAS, Chamberlain believes himself to be the original, first and joint inventor of the invention disclosed and claimed in said U.S. Patent '442 and said Patent Applications; and

WHEREAS, Ariel Computing desires to acquire by formal, recordable assignment the entire right, title and interest in and to said invention, said U.S. Patent '442, and said Patent Applications, and any Letters Patent that may be granted for said invention in the United States and throughout the world;

WHEREAS, Ivision, Inc. desires to acquire by formal, recordable assignment the entire right, title and interest in and to said invention, said U.S. Patent '442, and said Patent Applications, and any Letters Patent that may be granted for said invention in the United States and throughout the world;

## **ASSIGNMENT**

NOW, THEREFORE, in consideration of the amount of one Dollar (\$1.00) and of other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Chamberlain hereby sells, assigns, and transfers to Ariel Computing, the entire right, title and interest in and to said invention, said U.S. Patent '442, said Patent Applications, and any Letters Patent that may be granted for said invention in the United States and throughout the world, including the right to file foreign applications directly in the name of the Ariel Computing and to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise.

In consideration of the amount of one Dollar (\$1.00) and of other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Ariel Computing hereby sells, assigns, and transfers to Ivision, Inc., the entire right, title and interest in and to said invention, said U.S. Patent '442, said Patent Applications, and any Letters Patent that may be granted for said invention in the United States and throughout the world, including the right to file foreign applications directly in the name of the Ivision, Inc. and to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise.

Further, each of Chamberlain and Ariel Computing agree that, upon request and without further compensation, but at no expense to either of them, each of them and his or its legal representatives and assigns will do all lawful acts, including the execution of papers and the giving of testimony, that may be necessary or desirable for obtaining, sustaining, reissuing or enforcing Letters Patent in the United States and throughout the world for said invention, and for perfecting, recording or maintaining the title of Ariel Computing and Ivision, Inc., as applicable, its successors and assigns, to said invention, said U.S. Patent '442, said Patent applications, and any Letters Patent granted for said invention in the United States and throughout the world.

Each of Chamberlain and Ariel Computing represents and warrants that he or it has not granted and will not grant to others any rights inconsistent with the rights granted herein.

Chamberlain authorizes and requests the Commissioner of Patents and Trademarks of the United States and of all foreign countries to issue any Letters Patent granted for said invention, whether on any of said Patent Applications or on any subsequently filed division, continuation,



**ASSIGNMENT**

continuation-in-part or reissue application, to Ariel Computing, Inc, its successors and assigns, as the assignee of the entire interest in said invention.

Ariel Computing authorizes and requests the Commissioner of Patents and Trademarks of the United States and of all foreign countries to issue any Letters Patent granted for said invention, whether on any of said Patent Applications or on any subsequently filed division, continuation, continuation-in-part or reissue application, to iVision, Inc., its successors and assigns, as the assignee of the entire interest in said invention.

IN WITNESS WHEREOF, each of Chamberlain and Ariel Computing has executed this Assignment on the date written herein below.

ASSIGNOR:

CRAIG CHAMBERLAIN

Signed: Craig Chamberlain  
Name: Craig Chamberlain

Date: 11-17, 1998

ASSIGNOR:

ARIEL COMPUTING, INC.

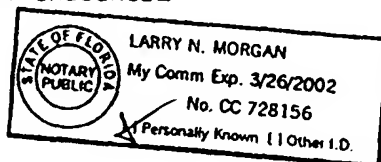
Signed: Margaret Chaudhuri  
Printed Name: Margaret Chaudhuri  
Title: Margaret Chaudhuri

Date: 11-12-98, 1998

*[Notarial Certificates]*

STATE OF FLORIDA : SS  
COUNTY OF COLLIER:

Sworn to and subscribed before me this 12th day of November, 1998, by Margaret Chaudhuri



[Signature]

## ALL-PURPOSE ACKNOWLEDGMENT

State: MichiganCounty of: OaklandOn 11-17-98 before me, SHARON L TAYLOR  
DATE NAME, TITLE OF OFFICE (E.G., "JUDGE OF", "NOTARY PUBLIC")personally appeared CRAIG R CHAMBERLAIN

☐ personally known to me -OR- ☒ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument is the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.



SIGNATURE OF NOTARY

SHARON L. TAYLOR

Notary Public, Oakland County, Michigan

THIS CERTIFICATE MUST BE ATTACHED TO THE DOCUMENT DESCRIBED AT RIGHT:

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☐ CORPORATE OFFICER(S)

TITLE(S)  
☐ PARTNER(S) ☐ LIMITED  
☐ GENERAL

☐ ATTORNEY-IN-FACT  
☐ TRUSTEE(S)  
☐ GUARDIAN/CONSERVATOR  
☐ OTHER \_\_\_\_\_

SIGNER IS REPRESENTING:  
NAME OF PERSON(S) OR ENTITY(IES)

110245



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

APRIL 22, 1999

PTAS  
FULWIDER PATTON LEE & UTECHT, LLP  
THOMAS A. RUNK  
10877 WILSHIRE BLVD.  
TENTH FLOOR  
LOS ANGELES, CA 90024

RECEIVED  
BY DOCKET DEPT.

APR 30 1999

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RECORDATION DATE: 01/27/1999

REEL/FRAME: 9711/0699  
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
DIVISION, INC.

DOC DATE: 11/25/1998

ASSIGNEE:  
ALARIS MEDICAL SYSTEMS, INC.  
10221 WATERBRIDGE CIRCLE, BUILDING  
A  
SAN DIEGO, CALIFORNIA 92121

SERIAL NUMBER: 09114581 48532  
PATENT NUMBER:

FILING DATE: 07/13/1998  
ISSUE DATE:

SERIAL NUMBER: 08440625 372106  
PATENT NUMBER: 5781442

FILING DATE: 05/15/1995  
ISSUE DATE: 07/14/1998

9711/0699 PAGE 2

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ASSIGNMENT DIVISION  
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U.S. Department of Commerce  
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☐ Corrective Document  
Reel #  Frame #

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Execution Date  
Month Day Year  
11/25/98

Name (line 1)

Name (line 2)

**Second Party**

Name (line 1)

Name (line 2)

Execution Date  
Month Day Year

**Receiving Party**

☐ Mark if additional names of receiving parties attached

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

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Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

**Correspondent Name and Address**

Area Code and Telephone Number **310-824-5555**

Name **Thomas A. Runk**

Address (line 1) **FULWIDER PATTON LEE & UTECHT, LLP**

Address (line 2) **10877 Wilshire Boulevard**

Address (line 3) **Tenth Floor**

Address (line 4) **Los Angeles, California 90024**

**Pages**

Enter the total number of pages of the attached conveyance document including any attachments.

# **2**

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Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

**09/114581**

Patent Number(s)

**5781442**

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

**Patent Cooperation Treaty (PCT)**

Enter PCT application number  
only if a U.S. Application Number  
has not been assigned.

PCT

PCT

PCT

PCT

PCT

PCT

**Number of Properties**

Enter the total number of properties involved.

# **2**

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): \$ **80.00**

Method of Payment:  
Deposit Account

Enclosed ☒ Deposit Account ☐

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

# **06-2425**

Authorization to charge additional fees:

Yes ☒ No ☐

**Statement and Signature**

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

**Thomas A. Runk**

Name of Person Signing

*Thomas A. Runk*

Signature

*Jan 21, 1999*

Date

## *ASSIGNMENT*

### ASSIGNMENT

This Assignment effective May 15, 1995, is made by IVISION, INC., a Michigan corporation, hereinafter "Ivision, Inc.", having a place of business at 114 West Washington Street, Ann Arbor, Michigan 48104-1325 to ALARIS Medical Systems, Inc., a Delaware corporation, hereinafter "ALARIS Medical", having an address of 10221 Wateridge Circle, Building A, San Diego, California 92121.

WHEREAS, Ivision, Inc. has acquired all right, title, and interest in and to a new and useful SYSTEM AND METHOD FOR COLLECTING DATA AND MANAGING PATIENT CARE hereinafter the "invention", for which an application for United States Letters Patent having Application No. 08/440,625 was executed by Craig Chamberlain on August 22, 1995 and was filed with the United States Patent and Trademark Office on May 15, 1995 and which resulted in U.S. Patent No. 5,781,442, hereinafter "U.S. Patent '442", and for which a continuation-in-part application was filed on July 13, 1998 in the United States Patent and Trademark Office having an Application No. of 09/114,581, and for which a patent application having No. 2,224,228 was filed in Canada, and for which a patent application having No. 96 915 827.8 was filed in the European Patent Office, and for which a patent application having No. 8-535010 was filed in the Japanese Patent Office, and for which a patent application having No. PCT/US96/06944 was filed under the Patent Cooperation Treaty, all of the above patent applications hereinafter referred to as the "Patent Applications";

WHEREAS, ALARIS Medical desires to acquire by formal, recordable assignment the entire right, title and interest in and to said invention, said U.S. Patent '442, and said Patent Applications, and any Letters Patent that may be granted for said invention in the United States and throughout the world;

NOW, THEREFORE, in consideration of the amount of one Dollar (\$1.00) and of other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Ivision, Inc. hereby sells, assigns, and transfers to ALARIS Medical the entire right, title and interest in and to said invention, said U.S. Patent '442, said Patent Applications, and any Letters Patent that may be granted for said invention in the United States and throughout the world, including the right to file foreign applications directly in the name of the ALARIS Medical and to

**ASSIGNMENT**

claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise.

Further, Ivision, Inc. agrees that, upon request and without further compensation, but at no expense to itself, it or its legal representatives and assigns will do all lawful acts, including the execution of papers and the giving of testimony, that may be necessary or desirable for obtaining, sustaining, reissuing or enforcing Letters Patent in the United States and throughout the world for said invention, and for perfecting, recording or maintaining the title of ALARIS Medical, its successors and assigns, to said invention, said U.S. Patent '442, said Patent applications, and any Letters Patent granted for said invention in the United States and throughout the world.

Ivision, Inc. represents and warrants that it has not granted and will not grant to others any rights inconsistent with the rights granted herein.

Ivision, Inc. authorizes and requests the Commissioner of Patents and Trademarks of the United States and of all foreign countries to issue any Letters Patent granted for said invention, whether on any of said Patent Applications or on any subsequently filed division, continuation, continuation-in-part or reissue application, to ALARIS Medical, its successors and assigns, as the assignee of the entire interest in said invention.

IN WITNESS WHEREOF, Ivision, Inc. has executed this Assignment on the date written hereinbelow.

ASSIGNOR:

IVISION, INC.

Signed: Margaret Chaudhuri  
Printed Name: Margaret Chaudhuri  
Title: President

Date: November 25, 1998

[120,867]

*[Notarial Certificate]*

Kathryn Sickels

Nov 25, 1998







UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

DECEMBER 30, 1998

PTAS  
FULWIDER PATTON LEE & UTECHT, LLP  
THOMAS A. RUNK  
10877 WILSHIRE BOULEVARD, TENTH FLOOR  
LOS ANGELES, CA 90024



\*100825685A\*

*IUAcp - 48832*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 08/28/1998

REEL/FRAME: 9433/0169  
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

ENGLESON, JOSEPH J.

DOC DATE: 08/07/1998

ASSIGNEE:

ALARIS MEDICAL SYSTEMS, INC.  
10221 WATERIDGE CIRCLE, BUILDING A  
SAN DIEGO, CALIFORNIA 92121-2733

SERIAL NUMBER: 09114581

FILING DATE: 07/13/1998

PATENT NUMBER:

ISSUE DATE:

TARA WASHINGTON, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

RECEIVED  
BY DOCKET DEPT.

JAN 06 1999

FULWIDER PATTON LEE & UTECHT  
LOS ANGELES

MRD 8-28-98

FORM PTO 1019a  
Expires 06/30/99  
OMB 0651-0027



09-11-1998



100825685

U.S. Department of Commerce  
Patent and Trademark Office  
**PATENT**

**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

**Submission Type**

- ☒ New
- ☐ Resubmission (Non-Recordation)  
Document ID#
- ☐ Correction of PTO Error  
Reel #  Frame #
- ☐ Corrective Document  
Reel #  Frame #

**Conveyance Type**

- ☒ Assignment ☐ Security Agreement
- ☐ License ☐ Change of Name
- ☐ Merger ☐ Other
- U.S. Government**  
(For Use ONLY by U.S. Government Agencies)
- ☐ Departmental File ☐ Secret File

**Conveying Party(ies)**

☐ Mark if additional names of conveying parties attached

Execution Date  
Month Day Year  
8/07/98

Name (line 1)

Name (line 2)

**Second Party**

Execution Date  
Month Day Year

Name (line 1)

Name (line 2)

**Receiving Party**

☐ Mark if additional names of receiving parties attached

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)     
City State/Country Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

**Domestic Representative Name and Address**

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

**FOR OFFICE USE ONLY**

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to:  
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

**Correspondent Name and Address**

Area Code and Telephone Number **310-824-5555**

Name **Thomas A. Runk**

Address (line 1) **FULWIDER PATTON LEE & UTECHT, LLP**

Address (line 2) **10877 Wilshire Boulevard**

Address (line 3) **Tenth Floor**

Address (line 4) **Los Angeles, CA 90024**

**Pages**

Enter the total number of pages of the attached conveyance document including any attachments.

# **3**

**Application Number(s) or Patent Number(s)**

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

**Patent Application Number(s)**

**Patent Number(s)**

**09/114,581**

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

**Patent Cooperation Treaty (PCT)**

Enter PCT application number  
only if a U.S. Application Number  
has not been assigned.

PCT

PCT

PCT

PCT

PCT

PCT

**Number of Properties**

Enter the total number of properties involved.

# **1**

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): \$ **40.00**

Method of Payment:  
Deposit Account

Enclosed ☒

Deposit Account ☐

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

# **06-2425**

Authorization to charge additional fees:

Yes

☒

No

☐

**Statement and Signature**

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

**Thomas A. Runk**

Name of Person Signing

*Thomas A. Runk*

Signature

*Aug. 24, 1998*

Date

ASSIGNMENT

THIS ASSIGNMENT, effective as of July 13, 1998, made by Joseph J. Engleson of Carlsbad, California, Assignor, to ALARIS Medical Systems, Inc., a Delaware corporation, Assignee, having a place of business at 10221 Wateridge Circle, Building A, San Diego, California 92121-2733.

WHEREAS, Assignor has invented a new and useful SYSTEM AND METHOD FOR COLLECTING DATA AND MANAGING PATIENT CARE for which an application for United States Letters Patent was filed in the U.S. Patent and Trademark Office on July 13, 1998, and has Serial No. 08/114,581; and

WHEREAS, Assignor believes himself to be the original, first and joint inventor of the invention disclosed and claimed in said application Serial No. 08/440,625 for Letters Patent; and

WHEREAS, Assignee desires to acquire by formal, recordable assignment the entire right, title and interest in and to said invention, said application Serial No. 08/114,581 and any Letters Patent that may be granted for said invention in the United States and throughout the world;

NOW, THEREFORE, in consideration of the sum of One Hundred and Fifty Dollars (\$150.00) and of other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor hereby sells, assigns and transfers to Assignee, the entire right, title and interest in and to said application Serial No. 08/114,581, said application, and any Letters Patent that may be granted for said invention in the United States and throughout the world, including the right to file foreign applications directly in the name of the Assignee and to claim for

any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise.

Further, Assignor agrees that, upon request and without further compensation, but at no expense to Assignor, he and his legal representatives and assigns will do all lawful acts, including the execution of papers and the giving of testimony, that may be necessary or desirable for obtaining, sustaining, reissuing or enforcing Letters Patent in the United States and throughout the world for said invention, and for perfecting, recording or maintaining the title of Assignee, its successors and assigns, to said invention, said application Serial No. 09/114,581 and any Letters Patent granted for said invention in the United States and throughout the world.

Assignor represents and warrants that he has not granted and will not grant to others any rights inconsistent with the rights granted herein.

Assignor authorizes and requests the Commissioner of Patents and Trademarks of the United States and of all foreign countries to issue any Letters Patent granted for said invention, whether on said application Serial No. 09/114,581 or on any subsequently filed division, continuation, continuation-in-part or reissue application, to Assignee, its successors and assigns, as the assignee of the entire interest in said invention.

IN WITNESS WHEREOF, Assignor has executed this Assignment on the date written below.

Dated: August 7, 1998

  
\_\_\_\_\_  
Joseph J. Engleson

**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

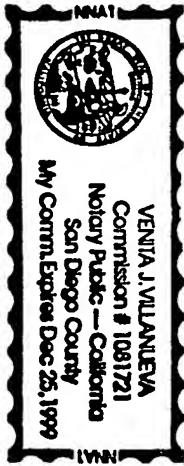
State of CALIFORNIA

County of SAN DIEGO

On 8-7-98 before me, VENITA J. VILLANUEVA, Notary Public  
DATE NAME, TITLE OF OFFICER - E.G., "JANE DOE, NOTARY PUBLIC"

personally appeared JOSEPH S ENGELSON

☐ personally known to me -OR- ☒ proved to me on the basis of satisfactory evidence to be the person(s) whose names(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument is the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

Venita J. Villanueva  
 SIGNATURE OF NOTARY

**OPTIONAL SECTION  
CAPACITY CLAIMED BY SIGNER**

Though statute does not require the Notary to fill in the date below, doing so may prove invaluable to persons relying on the document.

☒ INDIVIDUAL  
☐ CORPORATE OFFICER(S)

TITLE(S)  
☐ PARTNER(S) ☐ LIMITED  
☐ GENERAL  
☐ ATTORNEY-IN-FACT  
☐ TRUSTEE(S)  
☐ GUARDIAN/CONSERVATOR  
☐ OTHER \_\_\_\_\_

**SIGNER IS REPRESENTING:**  
NAME OF PERSON(S) OR ENTITY(IES)

HIMSELF

THIS CERTIFICATE MUST BE ATTACHED TO THE DOCUMENT DESCRIBED AT RIGHT:

Though the data requested is not required by law, it could prevent fraudulent reattachment of this form.

**OPTIONAL SECTION**  
 TITLE OR TYPE OF DOCUMENT Assignment

NUMBER OF PAGES 2 DATE OF DOCUMENT 7-13-98

SIGNER(S) OTHER THAN NAMED ABOVE NONE

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BY LOCKET DEPT.

APR 30 1999



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

APRIL 22, 1999 FULWIDER PATTON LEE & UTECHT  
LOS ANGELES

PTAS

FULWIDER PATTON LEE & UTECHT, LLP  
THOMAS A. RUNK  
10877 WILSHIRE BOULEVARD  
TENTH FLOOR  
LOS ANGELES, CALIFORNIA 90024



\*100953766A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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RECORDATION DATE: 01/21/1999

REEL/FRAME: 9711/0759  
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

CHAMBERLAIN, CRAIG

DOC DATE: 11/17/1998

ASSIGNEE:

ARIEL COMPUTING, INC.  
2455 S. INDUSTRIAL HIGHWAY  
ANN ARBOR, MICHIGAN 48107-7734

SERIAL NUMBER: 09114581  
PATENT NUMBER:

FILING DATE: 07/13/1998  
ISSUE DATE:

SERIAL NUMBER: 08440625  
PATENT NUMBER: 5781442

FILING DATE: 05/15/1995  
ISSUE DATE: 07/14/1998

STEVEN POST, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

FORM PTO-1619A  
Expires 06/30/99  
OMB 0651-0027

01-29-1999

Packet No. IVACP-48832

U.S. Department of Commerce  
Patent and Trademark Office  
**PATENT**



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1-21-99

**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

**Submission Type**

- ☒ New
- ☐ Resubmission (Non-Recordation)  
Document ID#
- ☐ Correction of PTO Error  
Reel #  Frame #
- ☐ Corrective Document  
Reel #  Frame #

**Conveyance Type**

- ☒ Assignment ☐ Security Agreement
- ☐ License ☐ Change of Name
- ☐ Merger ☐ Other
- U.S. Government**  
(For Use ONLY by U.S. Government Agencies)
- ☐ Departmental File ☐ Secret File

**Conveying Party(ies)**

☐ Mark if additional names of conveying parties attached

Name (line 1)  Execution Date  
Month Day Year  
 11/17/98

Name (line 2)

**Second Party**

Name (line 1)

Execution Date  
Month Day Year

Name (line 2)

**Receiving Party**

☐ Mark if additional names of receiving parties attached

Name (line 1)

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

**Domestic Representative Name and Address**

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

01/26/1999 00000198 09114581

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01 FC:581

80.00 00

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Mail documents to be recorded with required cover sheet(s) information to:  
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231



**Correspondent Name and Address**

Area Code and Telephone Number **310-824-5555**

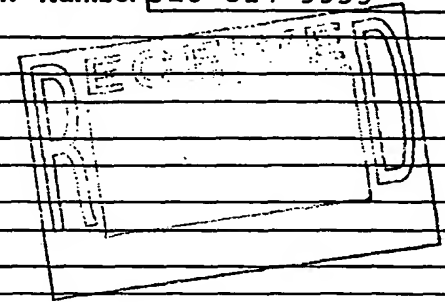
Name **Thomas A. Runk**

Address (line 1) **FULWIDER PATTON LEE & UTECHT, LLP**

Address (line 2) **10877 Wilshire Boulevard**

Address (line 3) **Tenth Floor**

Address (line 4) **Los Angeles, California 90024**



**Pages**

Enter the total number of pages of the attached conveyance document including any attachments.

# **4**

**Application Number(s) or Patent Number(s)**

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

**09/114581**

Patent Number(s)

**5781442**

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

**Patent Cooperation Treaty (PCT)**

Enter PCT application number  
only if a U.S. Application Number  
has not been assigned.

PCT  PCT  PCT   
PCT  PCT  PCT

**Number of Properties**

Enter the total number of properties involved.

# **2**

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): \$ **80.00**

Method of Payment:  
Deposit Account

Enclosed ☒ Deposit Account ☐

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

# **06-2425**

Authorization to charge additional fees:

Yes ☒ No ☐

**Statement and Signature**

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

**Thomas A. Runk**

Name of Person Signing

*Thomas A. Runk*

Signature

*January 21, 1999*

Date

**ASSIGNMENT**

**ASSIGNMENT**

This Assignment effective May 15, 1995, made by CRAIG CHAMBERLAIN, a Michigan resident, hereinafter "Chamberlain", having an address of PO Box 7734, Ann Arbor, Michigan, to ARIEL COMPUTING, INC., a Michigan corporation, hereinafter "Ariel Computing", having an address of 2455 S. Industrial Highway, Ann Arbor, Michigan, 48107-7734, and this assignment made by Ariel Computing to IVISION, INC., a Michigan corporation, hereinafter "Ivision, Inc.", having a place of business at 114 West Washington Street, Ann Arbor, Michigan 48104-1325.

WHEREAS, Chamberlain has invented a new and useful SYSTEM AND METHOD FOR COLLECTING DATA AND MANAGING PATIENT CARE hereinafter the "invention", for which an application for United States Letters Patent having Application No. 08/440,625 was executed by him on August 22, 1995 and was filed with the United States Patent and Trademark Office on May 15, 1995 and which resulted in U.S. Patent No. 5,781,442, hereinafter "U.S. Patent '442", and for which a continuation-in-part application was filed on July 13, 1998 in the United States Patent and Trademark Office having an Application No. of 09/114,581, and for which a patent application having No. 2,224,228 was filed in Canada, and for which a patent application having No. 96 915 827.8 was filed in the European Patent Office, and for which a patent application having No. 8-535010 was filed in the Japanese Patent Office, and for which a patent application having No. PCT/US96/06944 was filed under the Patent Cooperation Treaty, all of the above patent applications hereinafter referred to as the "Patent Applications";

WHEREAS, Chamberlain believes himself to be the original, first and joint inventor of the invention disclosed and claimed in said U.S. Patent '442 and said Patent Applications; and

WHEREAS, Ariel Computing desires to acquire by formal, recordable assignment the entire right, title and interest in and to said invention, said U.S. Patent '442, and said Patent Applications, and any Letters Patent that may be granted for said invention in the United States and throughout the world;

WHEREAS, Ivision, Inc. desires to acquire by formal, recordable assignment the entire right, title and interest in and to said invention, said U.S. Patent '442, and said Patent Applications, and any Letters Patent that may be granted for said invention in the United States and throughout the world;

## *ASSIGNMENT*

NOW, THEREFORE, in consideration of the amount of one Dollar (\$1.00) and of other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Chamberlain hereby sells, assigns, and transfers to Ariel Computing, the entire right, title and interest in and to said invention, said U.S. Patent '442, said Patent Applications, and any Letters Patent that may be granted for said invention in the United States and throughout the world, including the right to file foreign applications directly in the name of the Ariel Computing and to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise.

In consideration of the amount of one Dollar (\$1.00) and of other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Ariel Computing hereby sells, assigns, and transfers to Ivision, Inc., the entire right, title and interest in and to said invention, said U.S. Patent '442, said Patent Applications, and any Letters Patent that may be granted for said invention in the United States and throughout the world, including the right to file foreign applications directly in the name of the Ivision, Inc. and to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise.

Further, each of Chamberlain and Ariel Computing agree that, upon request and without further compensation, but at no expense to either of them, each of them and his or its legal representatives and assigns will do all lawful acts, including the execution of papers and the giving of testimony, that may be necessary or desirable for obtaining, sustaining, reissuing or enforcing Letters Patent in the United States and throughout the world for said invention, and for perfecting, recording or maintaining the title of Ariel Computing and Ivision, Inc., as applicable, its successors and assigns, to said invention, said U.S. Patent '442, said Patent applications, and any Letters Patent granted for said invention in the United States and throughout the world.

Each of Chamberlain and Ariel Computing represents and warrants that he or it has not granted and will not grant to others any rights inconsistent with the rights granted herein.

Chamberlain authorizes and requests the Commissioner of Patents and Trademarks of the United States and of all foreign countries to issue any Letters Patent granted for said invention, whether on any of said Patent Applications or on any subsequently filed division, continuation,

**ASSIGNMENT**

continuation-in-part or reissue application, to Ariel Computing, Inc, its successors and assigns, as the assignee of the entire interest in said invention.

Ariel Computing authorizes and requests the Commissioner of Patents and Trademarks of the United States and of all foreign countries to issue any Letters Patent granted for said invention, whether on any of said Patent Applications or on any subsequently filed division, continuation, continuation-in-part or reissue application, to iVision, Inc., its successors and assigns, as the assignee of the entire interest in said invention.

IN WITNESS WHEREOF, each of Chamberlain and Ariel Computing has executed this Assignment on the date written herein below.

ASSIGNOR:

CRAIG CHAMBERLAIN

Signed: Craig Chamberlain  
Name: Craig Chamberlain

Date: 11-17, 1998

ASSIGNOR:

ARIEL COMPUTING, INC.

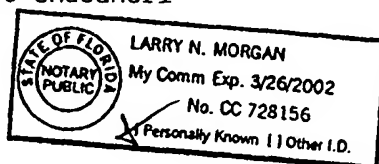
Signed: Margaret Chaudhuri  
Printed Name: Margaret Chaudhuri Title: Margaret Chaudhuri

Date: 11-12-98, 1998

*[Notarial Certificates]*

STATE OF FLORIDA : SS  
COUNTY OF COLLIER:

Sworn to and subscribed before me this 12th day of November, 1998, by  
Margaret Chaudhuri



## ALL-PURPOSE ACKNOWLEDGMENT

State of Michigan  
 County of Oakland

On 11-17-98 before me, SHARON L TAYLOR  
DATE NAME, TITLE OF OFFICER (E.G., JUDGE, NOTARY PUBLIC)

personally appeared CRAIG R CHAMBERLAIN

☐ personally known to me -OR- ☒ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument is the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Sharon L Taylor  
 SIGNATURE OF NOTARY

SHARON L. TAYLOR

Notary Public, Oakland County, Michigan

THIS CERTIFICATE MUST BE ATTACHED TO  
 THE DOCUMENT DESCRIBED AT RIGHT:

Though the data requested is not required by law.  
 It could require fraudulent attachments of this form.

TITLE OR TYPE OF DOCUMENT

NUMBER OF PAGES \_\_\_\_\_ DATE OF DOCUMENT EFFECTIVE MAY 15, 95

SIGNER(S) OTHER THAN NAMED ABOVE

**OPTIONAL SECTION  
 CAPACITY CLAIMED BY SIGNER**

Though statute does not require the Notary to fill in the data below, doing so may prove invaluable to persons relying on the document.

☒ INDIVIDUAL  
☐ CORPORATE OFFICER(S)

TITLE(S)  
☐ PARTNER(S) ☐ LIMITED  
☐ GENERAL

☐ ATTORNEY-IN-FACT  
☐ TRUSTEE(S)  
☐ GUARDIAN/CONSERVATOR  
☐ OTHER \_\_\_\_\_

SIGNER IS REPRESENTING:  
NAME OF PERSON(S) OR ENTITY(IES)